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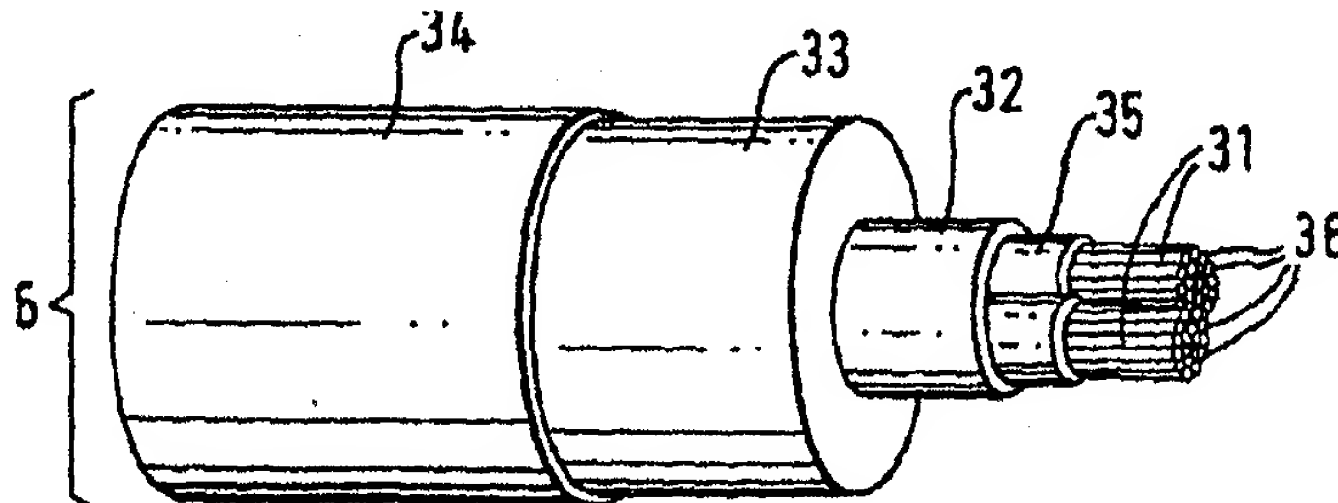


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(21) International Application Number: PCT/EP98/07727 (22) International Filing Date: 30 November 1998 (30.11.98) (30) Priority Data: 9725337.1 28 November 1997 (28.11.97) GB (71) Applicant (for all designated States except US): ASEA BROWN BOVERI AB [SE/SE]; S-721 83 Västerås (SE). (72) Inventors; and (75) Inventors/Applicants (for US only): LEIJON, Mats [SE/SE]; Hyvlargatan 5, S-723 35 Västerås (SE). BJÖRKLAND, An- ders [SE/SE]; Björndvägen 36A, S-723 48 Västerås (SE). SCHÜTTE, Thorsten [SE/SE]; Bangatan 5B, S-722 28 Västerås (SE). WALFRIDSSON, Lars [SE/SE]; Infanteri- gatan 52, S-723 50 Västerås (SE). (74) Agent: NEWBY, Martin, John; J.Y. & G.W. Johnson, Kings- bourne House, 229-231 High Holborn, London WC1V 7DP (GB).		(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	

(54) Title: TRACTION MOTOR AND DRIVE SYSTEM



(57) Abstract

A three-phase traction motor, or a transformer or rotating convertor in a drive system for a traction motor, comprises a winding including insulation consisting of at least two semiconducting layers (32, 34) each providing a substantially equipotential surface, and solid insulation (33) between the semiconducting layers.

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